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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/078,927

DATE: 03/05/2002
TIME: 14:18:09

#2

Input Set : A:\SJ-01-0032 Sequence Listing.ST25.txt
Output Set: N:\CRF3\03052002\J078927.raw

```
      3 <110> APPLICANT: St. Jude Children's Research Hospital
      4       Curran, Thomas
      5       Keshvara, Lakhu
      7 <120> TITLE OF INVENTION: Cyclin Dependent Kinase 5 Phosphorylation of Disabled 1
Protein
      9 <130> FILE REFERENCE: SJ-01-0032
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/078,927
C--> 11 <141> CURRENT FILING DATE: 2002-02-19
     11 <160> NUMBER OF SEQ ID NOS: 3
     13 <170> SOFTWARE: PatentIn version 3.1
     15 <210> SEQ ID NO: 1
     16 <211> LENGTH: 6
     17 <212> TYPE: PRT
     18 <213> ORGANISM: Mus musculus
     20 <220> FEATURE:
     21 <221> NAME/KEY: SITE
     22 <222> LOCATION: (3)..(3)
     23 <223> OTHER INFORMATION: Serine at residue #3 equates to Serine491 in mouse Dab1
sequence
     24       Cdk5 phosphorylation of Serine requires a Proline (P) in the +1 p
     25       osition and a Lysine (K) in the +3 position
     28 <220> FEATURE:
     29 <221> NAME/KEY: DOMAIN
     30 <222> LOCATION: (1)..(6)
     31 <223> OTHER INFORMATION: smallest carboxy terminal Dab1 tryptic fragment containing a
Cdk5
     32       phosphorylation site
     35 <400> SEQUENCE: 1
     37 Gln Ser Ser Pro Ser Lys
     38 1               5
     41 <210> SEQ ID NO: 2
     42 <211> LENGTH: 24
     43 <212> TYPE: PRT
     44 <213> ORGANISM: Mus musculus
     46 <220> FEATURE:
     47 <221> NAME/KEY: SITE
     48 <222> LOCATION: (21)..(21)
     49 <223> OTHER INFORMATION: Serine at Reisdue 21 equates to Serine515 in mouse Dab1
sequence
     50       Cdk5 phosphorylation of Serine requires a Proline (P) in the +1 p
     51       osition and a Lysine (K) in the +3 position
     54 <220> FEATURE:
     55 <221> NAME/KEY: DOMAIN
     56 <222> LOCATION: (1)..(24)
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57 <223> OTHER INFORMATION: Dab1 tryptic fragment containing a Cdk5 phosphorylation site
60 <400> SEQUENCE: 2
62 Ser Ser Ala Ser His Val Ser Asp Pro Thr Ala Asp Asp Ile Phe Glu

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```
63 1               5                   10                  15
66 Glu Gly Phe Glu Ser Pro Ser Lys
67             20
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 14
72 <212> TYPE: PRT
73 <213> ORGANISM: Mus musculus
75 <220> FEATURE:
76 <221> NAME/KEY: MOD_RES
77 <222> LOCATION: (8)..(8)
78 <223> OTHER INFORMATION: PHOSPHORYLATION, equates to Serine491 in mouse Dab1 sequence
79       Cdk5 phosphorylation of Serine requires a Proline (P) in the +1 p
80       osition and a Lysine (K) in the +3 position
83 <220> FEATURE:
84 <221> NAME/KEY: DOMAIN
85 <222> LOCATION: (1)..(14)
86 <223> OTHER INFORMATION: Dab1 phosphopeptide domain used for antibody production
89 <400> SEQUENCE: 3
91 Thr Pro Ala Pro Arg Gln Ser Ser Pro Ser Lys Ser Ser Ala
92 1               5                   10
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VERIFICATION SUMMARY DATE: 03/05/2002
PATENT APPLICATION: US/10/078,927 TIME: 14:18:10

Input Set : A:\SJ-01-0032 Sequence Listing.ST25.txt
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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date